

MAY 20 2009

IN THE CLAIMS:

Please cancel Claims 14 to 17 without prejudice or disclaimer of subject matter. Please amend independent Claims 1, 5 and 10 to incorporate the substance of dependent Claims 16 and 17.

1. (Currently Amended) An image data processing apparatus for processing image data to be printed, comprising:

a print condition acquisition unit adapted to acquire information relating to a print condition which is instructed by a user, wherein the print condition includes a type of medium or a resolution;

a selection unit adapted to select a combination of a color space ~~and having~~ a wide color gamut and a high bit precision or a combination of a color space having a narrow color gamut and a low bit precision, based upon the acquired information relating to the print condition;

a conversion unit adapted to convert the input image data to the selected color space and bit precision;

a color correction unit adapted to execute color correction for the converted image data and generation of printer data; and

an output unit adapted to output the printer data to a printer,

wherein the printer forms an image based on the print condition and the selection unit selects the combination of the color space having a narrow color gamut and a

low bit precision if a resolution instructed as a printer resolution by a user is a low resolution.

2. to 4. (Cancelled)

5. (Currently Amended) An image data processing method for processing image data to be printed, comprising:

a print condition acquisition step of acquiring information relating to a print condition which is instructed by a user, wherein the print condition includes a type of medium or a resolution;

a selection step of selecting a combination of a color space ~~and having a wide color gamut and a high bit precision or a combination of a color space having a narrow color gamut and a low~~ bit precision, based upon the acquired information relating to the print condition;

a conversion step of converting the input image data to the selected color space and bit precision;

a color correction step of executing color correction for the converted image data and generation of printer data; and

an output step of outputting the printer data to a printer,

wherein the printer forms an image based on the print condition and the combination of the color space having a narrow color gamut and a low bit precision is

selected at the selection step if a resolution instructed as a print resolution by a user is a low resolution.

6. (Original) The method according to claim 5, wherein said selection step is capable of selecting either of 8-bit sRGB color space or 16-bit xRGB color space.

7. to 9. (Cancelled)

10. (Currently Amended) A computer-readable medium storing a control program for causing a computer to perform an image data processing method for processing image data to be printed, comprising:

a print condition acquisition step of acquiring information relating to a print condition which is instructed by a user, wherein the print condition includes a type of medium or a resolution;

a selection step of selecting a combination of a color space and having a wide color gamut and a high bit precision or a combination of a color space having a narrow color gamut and a low bit precision, based upon the acquired information relating to the print condition;

a conversion step of converting the input image data to the selected color space and bit precision;

a color correction step of executing color correction for the converted image data and generation of printer data; and

an output step of outputting the printer data to a printer,

wherein the printer forms an image, based on the print condition and the combination of the color space having a narrow color gamut and a low bit precision is selected at the selection step if a resolution instructed as a print resolution by a user is a low resolution.

11. to 17. (Cancelled)